

U.S. Department of Energy Sustainability Performance Office

# DOE Sustainability SPOTlight

Issue 13 September 2012

## SUSTAINABILITY NEWS

### 11 DOE Sites Win Awards in EPA 2012 Federal Electronics Challenge

DOE continues to lead the Federal government in EPA's annual Federal Electronics Challenge by receiving one-third of all 2012 awards, including three Platinum awards. The Platinum award recognizes minimization of environmental impacts of electronics management in all three life-cycle phases (acquisition and procurement, operations and maintenance, and end-of-life maintenance), as well as leading a peer mentoring program. This honor was achieved by Bonneville Power Administration, East Tennessee Technology Park, and the National Renewable Energy Laboratory.

For more information: <http://www.epa.gov/fec/awards.html#winners>

### DOE Announces Sustainability Award Winners

On August 20th, DOE announced the winners of the 2012 DOE Sustainability Awards. A full list of winners can be found on the next page of this newsletter. Congratulations to the winners and thanks for your continued dedication to sustainability! An awards ceremony will be held in Washington, DC on September 27th, to coincide with the GreenGov 2012 Symposium and an SPO training event. For more information, contact [sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov).

### Site Sustainability Plan Guidance Issued

The FY 2013 Guidance for Site Sustainability Plans (SSP) and Consolidated Energy Data Reports (CEDR) were recently distributed to DOE programs. The SSP is used as the primary source for sustainability data, analysis, and reporting for the Department. The SSP and CEDR are both due to SPO by December 7th for inclusion in the FY 2012 Greenhouse Gas Inventory and Annual Energy Report.

Beginning September 5th, SPO will hold open call-ins every Wednesday from 1:00-2:00 pm Eastern time to answer any questions related to the SSP narrative or CEDR. Contact SPO for more information on these Q&A calls.



### SUSTAINABILITY SUPERSTAR

Environmental Management's Donna Green is retiring! Donna began her DOE career at Argonne National Lab in 1998 before moving to EM in 2008 and quickly assuming the lead on their Sustainability program. She has led the charge to integrate sustainable practices into all aspects of the EM mission, and is one of the 2012 DOE Sustainability Award winners for that effort. We wish her well in her new endeavors!

*Send us your champion!*

## EFCOG/SPO Training Day Recap

On August 20th, the Energy Facility Contractors Group (EFCOG) held a virtual meeting of the Energy & Sustainability Subgroup (ESSG) in coordination with SPO. The meeting outlined recent and upcoming DOE sustainability successes and issues, and addressed site needs for assistance in meeting key sustainability goals.

The following day, SPO held a sustainability training day in coordination with the ESSG on a wide range of subjects. Topics included High Performance Sustainable Building successes at ORNL, rare earth phosphor recycling programs, compliance with EISA Section 432, NREL's renewable energy opportunities tool, and the DOE Green IT reporting system.

Presentations given during the two meetings can be found on the Sustainability SharePoint site.



### DID YOU KNOW?

This edition marks the first birthday of the SPOTlight newsletter! The newsletter was launched in September 2011 to inform stakeholders of key actions related to sustainability at DOE. If you have any comments, suggestions or ideas on the future direction of the newsletter please contact [sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov).

## UPCOMING EVENTS AND MILESTONES

### Events

Sep. 24-26: [GreenGov](#)

Sep. 27: DOE Sustainability Awards

Dec. 7: SSP and CEDR due to SPO

Every Wednesday Sept 5—Nov 21: SPO open Q&A call-in for SSP & CEDR

### Courses

Sep. 11: [Data Center Efficiency for Designers and Operators](#)

Sep. 20: [Intro to UESC](#)

## SUCCESS STORIES

Hanford recently completed construction on Environmental Management's first LEED Gold certified building. The 200 West Groundwater Pump and Treatment System was built to remediate a carbon tetrachloride groundwater plume at the cleanup site that is 250 feet thick over an area of 5 square miles.



The plant is designed to treat 2,500 gallons of groundwater per minute by removing radionuclide contamination, nitrate, and metals and reducing VOCs. A final micro filtration step completes the treatment. Sustainable design and construction practices include the use of recycled steel and concrete, high levels of diverted waste, passive lighting, and an advanced HVAC system. The project showcases the ability to perform the critical missions tasked to DOE while still following sustainable practices.

## DOE 2012 SUSTAINABILITY AWARD WINNERS

Site	Title
NREL	Comprehensive Energy Management
EM	Environmental Management's Sustainability Hero
SRS	An Innovative Approach for In-Situ Detection of Mercury in Soils and Sediments
SRS	SRS Biomass Steam and Co-generation Project
SRS	SRS Moving Beyond Pump and Treat for cVOC Remediation
NETL	Exceptional Service/Sustainability Champion
NETL	Successful Implementation of NETL's Environmental Management System
NETL	Water Resources
LM	Not Just Your Average EMS
LANL	Ronnie Garcia – Master of Minimization
Pantex	Implementing Sustainability at the Pantex Firing Range
SNL-NM	Server Virtualization at SNL-NM – Life Cycle Improvement
Y-12	Reaching Beyond – Y-12 Sustainability Outreach
Y-12	Y-12 Targeted Excess Materials (TEM) Program Pursues Sustainable Disposition Paths
ANL	Argonne Conducts Sustainability Workshop for Middle School Teachers
ORNL	ORNL Water Resource Management Minimizes Quantity and Maximizes Quality
ORNL	Palko Champions ORNL's Sustainable Energy and Water Efforts
PNNL	Putting Words into Action
PPPL	Comprehensive Greenhouse Gas Reduction
TJNAF	Green Electronic Procurement Implementation and Tracking

## ON-DEMAND TRAINING

### Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

### Buildings

[Advanced Metering Requirements and Best Practices](#)

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

### Water

[Water Efficiency Planning and Implementation](#)

### Data Centers

[Data Center Efficiency to ASHRAE Thermal Guidelines](#)

[Labs, Data Centers and High-Tech Facilities](#)

### Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

### Sustainable Acquisition

[Energy-Efficient Product Procurement](#)

[OFEe's Green Purchasing Training](#)

Check out CEQ's latest GreenGov Leader newsletter: [whitehouse.gov/greengov/leader](http://whitehouse.gov/greengov/leader)



**CALENDAR** — SPO recently launched a new and improved online calendar for key sustainability-related events and trainings. Contact the SPO if you wish to add any relevant events and training. [http://www1.eere.energy.gov/sustainability/events\\_calendar.html](http://www1.eere.energy.gov/sustainability/events_calendar.html)



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